

① Visit #1

McWayne Ductile

11/17/15, 1:30pm

Tom Kyster, Env. Specialist (work) (stokely)  
Heather Reinwater (air) Env. Manager - 000

McWayne Ductile, form clean water?  
1990 - roughly  
- but more change only recently

2:30 shutdown of cupola & vent only open cap  
↓ dig for melt (no or hard fire up) → melt spread in terms of volume in +  
run 3 shift, depending on depth → other operations have with shifts  
4-5 days per week  
Typically m-f 6i melt

Seq → capture system shifts off  
operation  
← wet scrubber (scrubber)

size of furnace - ?  
when does emissions end? →

Visit #2

Collings Drums - .03 grain/disc f or no visible, 16 tpy, fgs crest except  
Cupola - 50 lb/yr + 209, after burner  
blast  
blast  
← Fitting plant ops - 2.5 lb vol/sec, 2000, .55 lb/hr fgs  
← pre-heat → VE for stack  
← pre-heat → hot gas → PE

FIVE STAR  
\*\*\*\*\*

Coke fuel in furnace → Baghouse

Innoculation? Limit 27K tons/yr metal matter  
Furnace rated at 85 tons/hr

FIVE STAR  
\*\*\*\*\*

control eq - mostly - DP, water flow, temp  
3 hr avg per permit

After burner for CO

~~control~~ (A1) wet scrubber & temp on after burner since Oct 1 → Nov 18

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Centralized coating steel → no cleaning solvent  
shell core sand → shell at front → 8 core machines (3 req permit) for VOC

Binder → premix - phenol  
Permaldehyde  
ammonia  
lbs used

FIVE STAR  
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water steamboat } for the spraying?

Pipes cast → annealing oven (nat gas) → sanding (saw) → cement lining → interior/exterior coating  
water based

Custom joints - VOC emitter

9:20 am

FOOD → Back off Blast air

Steam wet up system → 2/3 up for  
Coke bed smolders w/  
~~next~~ Drag bottom  
Anything else goes to wet scrubber

Emission runs 15-20 min  
to purge out

1:20pm -  
Lint  
change.  
then CFM's  
checked

~~with~~ monitor sulfur iron  
emission sys → 15 more min

Startup / shut down mlt. plan - they have  
~~Operators~~

Cons Dec. → 5 years stock fest  
Raw material storage  
Roof over waste storage

- close to closing out  
MS, Utah, other smaller, this was only one  
in Reg 5

Product - Ductile Iron pipe  
(18ft) Util pole section → machine Piles assembler  
Process fittings → take cast, line it, paint it  
from sister facility

600 tons melt/cast per day

FIVE STAR  
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FIVE STAR  
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All 18', 6"-36" pipe  
 Poles → ~30" base max → total 90' length  
 mostly water pipes. Ductile because more versatile, longer life. Easier to repair. Cement liner inside.  
 Electro-cathodic to send electrons thru to prevent corrosion?  
 Demand stacks in winter - shutting down for maint Dec?

Consolidated name to MD else was problem selling under different name

ECATO

- not 114
- annual stack
- quarterly Dev
- SL's unsure about entries

Stack test → May

Permit Apps → a lot

TS inspection  
 semi-annual

Just Area source NESHAP, not MACT

meat - 8# for large laundry

Negotiated terms in permit per C.D.

~~→~~  
 All HAP but below the ~~meat~~ ? in permit?

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Last week - submitted new T5 draft, hope by  
end of year

P asked if Rain sets in when cap open, but  
umbrella protects

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Interlocks → metal

selector switch ties it all together → so

cap must be on when emission sys.  
not running

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\*\*\*\*\*

~~month~~ semi-annual

fugitive ↘

tunnel → charge bucket (shroud)

↓  
covers  
it?

↓  
by cable

method 9 on that → ~~end~~ April  
end Oct

FIVE STAR  
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(A1) HAP coating SDS by 11/30 EOD

(A1) Copy of latest stack test → latest plus last one  
with all the farms

Coke → from Erie?

→ she's unsure about sulfur content

used emission factor for SO<sub>2</sub>? based on permit

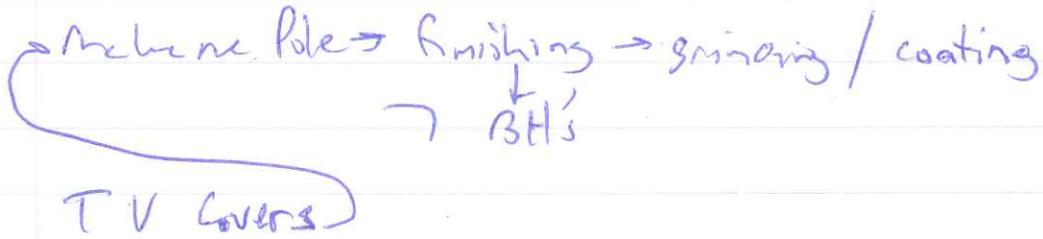
BH for mold paint & sand oven

↓  
to old bundry  
(new BH)

Zinc coating BH

Silos w/ Bin vents

4-5 intervals for grinding



Zinc coating → for pole segments only  
is idle now

(A) Method 22 size Oct 1  
on stack & on ?

Note - [we cannot accept zip files]  
from external

16 photos - left copy, claimed CBI